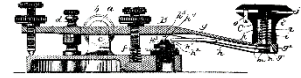




Bexar Wire

San Antonio Radio Club
W5SC



2018, No. 11

November 2018

Military Auxiliary Radio System



Ernest Reich, KN5I, making his presentation at the October 11, 2018, General Membership Meeting on MARS

Our last meeting at Grady's Barbeque, 327 E. Nakoma Dr., San Antonio, TX 78216 at 7:00 p. m. on Thursday, October 11, 2018, featured a presentation by Ernest Reich, KN5I, on the Military Auxiliary Radio System (MARS). Ernest KN5I has been involved in MARS for several years. He explained that today only the U. S. Army and the U. S. Air Force have MARS programs. The former U. S. Navy MARS program is no longer active. He used PowerPoint slides to

explain MARS mission today. MARS provides Department of Defense sponsored emergency communications on a local, national, and international basis. Under Defense Support to Civil Authorities (DSCA), MARS can support the Federal Emergency Management Agency (FEMA), the Department of Homeland Security, state, and local emergency response agencies.

MARS participants are licensed amateur radio operators who undergo the necessary training to become MARS operators. They participate in regular MARS nets to build and maintain emergency communications skills. MARS also participates in exercises to test and build communications skills. A copy of the viewgraphs for Ernest KN5I's presentation starts on page 9.

After Ernest KN5I completed his presentation, he was thanked by Mike Harrison, KD5KST, on behalf of all members present. The President then presented him with a Program Certificate of Appreciation. (Continued on Page 6)

Teaching Morse Code

Our next club meeting will be at 7:00 p. m. (1900) on Thursday, November 8, 2018, at Grady's Barbeque, 327 E. Nakoma Dr., San Antonio, TX 78216. The program will be presented by Code by Peter Shavney, WA3OVH, on Teaching Morse.



Ernest Reich, KN5I, receiving a a Program Certificate of Appreciation from Harold Fleischer, AE5AS, President of the San Antonio Radio Club

SAN ANTONIO RADIO CLUB

PRESIDENT'S RADIOGRAM

NUMBER	PRECEDENCE	HX	STATION OF ORIGIN	CHECK	PLACE OF ORIGIN	TIME FILED	DATE
11	R		AE5AS		San Antonio, TX		November
TO							
W5SC							

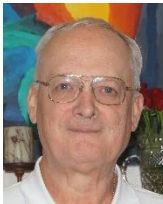
November has been an important month for SARC for many years. There are two key things that happen in November. The first is the election of new officers and a director for the next calendar year. The second is the ramping up of preparations for Radio Fiesta.

The Nominating Committee is working to have a complete slate of nominees for the election. Best wishes to Rosendo Guzman, N5YGB, who has accepted the nomination for President. November will also represent the start of the transition between the old and new offices.

The preparations for Radio Fiesta 2019 are almost a year-round activity. The earliest work items happened last winter and then started in a more serious vein in the summer. In November, we will mail out over 8,000 flyers to hams within 75 miles of San Antonio. As the flyers go out pre-registration activity for flea market tables, general admission, and extra raffle tickets will kick-off. A stream of mail will start flowing to the Treasurer and then the Radio Fiesta Committee. Please help when asked, especially when it comes to the setup on Friday and then the actual Radio Fiesta 2019 on Saturday, January 12, 2019.

This year, November has extra stuff going on. The Centennial Commemoration Committee is working to have everything ready for January 1, 2019. Banners, souvenirs, and on-air special events at the San Antonio Museum of Science and Technology (SAMSAT) have been planned. This Committee is in the midst of executing these plans.

All of this makes, this November even more important to the success of SARC as it is on the brink of starting its 2nd century in San Antonio, Texas.



Harold AE5AS

Bexar Wire

Published monthly by:
San Antonio Radio Club

Harold C. Fleischer, III AE5AS
President

Robert W. (Bob) Thompson, K5RWT
Editor
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The due date for articles is the **Monday** before the first **Thursday** of the month.

San Antonio Radio Club

Meeting Minutes

October 11, 2018

Harold Fleischer, AE5AS, President, called the meeting to order at 7:00 p. m. at Grady's BAR-B-Q, 327 E. Nakoma Dr., San Antonio, TX 78216. There were 24 people in attendance. (Seventeen ate at Grady's BBQ before the meeting.)

Harold Fleischer, AE5AS, then introduced himself as Harold AE5AS and then in accordance with SARC custom asked everyone else to introduce themselves.

Harold Fleischer, AE5AS, then turned the meeting over to Mike Harrison, KB5KST, Vice President, who introduced the program. The program was presented by Ernest Reich, KN5I, on Military Auxiliary Radio System (MARS) for 33 minutes from 7:03 pm to 7:36 pm). Mike Harrison, KB5KST, thanked Ernest Reich, KN5I, and turned the meeting back over to Harold Fleischer, AE5AS, who immediately presented Ernest Reich, KN5I, with a Program Certificate of Appreciation.

Harold Fleischer, AE5AS, then reviewed the printed agenda for meeting with the members present and asked if there were any modifications. There being no modifications suggested, Harold Fleischer AE5AS announced the printed agenda as orders for the meeting by without objection by unanimous consent.

Harold Fleischer, AE5AS, then stated that whereas the minutes for the last meeting on Sep 12, 2018 had been distributed in the Sep 2018 Bexar Wire newsletter that unless there were corrections or objections that we would dispense with the reading of the minutes and approve them as written without objection by unanimous consent.

Officer Reports:

President

The Nominating Committee appointments have been made:

Paul Guido, N5IUT, Chairperson

Jeff Boyes, ND8B, Member

Eric Harris, KG5SZV, Member

- Their mission will be to identify 4 officers and 1 member of the Board of Directors by the October 11, 2018 meeting. The retiring Board member is Tom O'Brien, AB5XZ.
- The election will be at the November 8, 2018.
- The new officers and member of the Board of Directors start their terms on Jan 1, 2019.

Vice President – Future Program: The program in November will be Teaching Morse Code by Peter Shavney, WA3OVH.

Secretary – no report.

Treasurer – Financial Report was distributed by the Treasurer and briefly discussed.

Newsletter Editor - The October 2018 *Bexar Wire* newsletter was sent to Tom O'Brien, AB5ZX, and Bill Craft, KD2HIQ, on October 6, 2018 for emailing to membership.

The October 2018 *Bexar Wire* newsletter uploaded to the website on Monday, October 8, 2018, and Tom O'Brien, AB5ZX, sent out a link on October 8, 2018 to members with a meeting reminder.

The deadline is the Friday before the first Thursday of the month.

Webmaster – Bill Craft, KD2HIQ, reported;

- That he has created a slide show of ham gear for sale for use by Joe Bruno.
- Updated “as seen at meeting items” on the website.
- Traffic is down by 40% during this slow time of year for SARC.

Chairman of the Board Report –Bob Rodriguez, K5AUW – No report.

Committee Reports

Education and Training – There will be CERTS Training in Helotes on October 6 and 13, 2018 by Bob Rodriguez, K5AUW, and David Finell, N7LRY, with the VEs testing at 3 pm on October 13, 2018. This session is not open to the general-public as it is being done for CERTS. There will be Technician license training on one weekend in November 3-4, 2018 for the Air National Guard. SAMSAT will be the location of future training. There may be a class in early December 2018. On National Night Out day, he reported that he tried some amateur radio public recruiting. It was noisy where he was, but before it was rained out, he did make some successful contacts.

Emergency Communications Report – J C Smith, N5RXS, reported before the meeting that:

The ARES SET was Thursday, October 11, 2018. They borrowed a small generator from SARC to help with this effort and will return once the exercise was over.

Executive – No meetings since last month, no report.

Field Day – Joe Bruno, W5AUQ, Chairperson, is setting up a maintenance day for the tower with Richard Elder, WB5ACN. A broken pulley has jammed the cable that raises the mast. The plan is to replace all pulleys as they are probably 40 years old. We loaned a small generator for the SET. It has been returned. We have loaned a R% antenna to SAMSAT for their present location. It will be returned when they move in about a year to a larger facility at Port Antonio.

Finance and Review – inactive until January

JOTA – Mike Harrison, KB5KST, reminded everyone that JOTA is this month on Saturday, October 20, 2018 at the Texas Transportation Museum. He has volunteers, but the more the merrier. The schedule time is to arrive at TTM at 9am, work with the Scouts from 10:30am until 3:30pm and tear down between 3pm and 4pm.

Membership – Tom O'Brien, AB5XZ, reported that we have about 97 paid members with 21 free memberships mostly from VE testing.

He plans to get with Jeff Boyes, ND8B, Bill Craft KD2HIQ, and Pat Knight, AD5BR, to reconcile the naming of fields on the membership blank, PayPal, VE testing membership form, and the master membership spread sheet.

Nominating – Paul Guido, N5IUT, reported the following nominees for next month's election:

President – Rosendo Guzman, N5YBG

Vice President – Open

Secretary – Open

Treasurer – Jeff Boyes, ND8B

Director through 2023 – Paul Guido, N5IUT

Radio Fiesta – JC Smith N5RXS:

- He expects to finish the program listings by the middle of October. This will help make possible to mail the flyer early in November 2018.
- The cheerleaders who do the concession work have reached out to him and he will confirm that they have the job.
- The dealer in Saint Joseph, Missouri, that he was asking to come to Radio Fiesta has decided that early January was to dicey when it came to weather and having to cross Oklahoma. He is not coming.

VEC – The next VE session is Saturday, October 13, 2018 only for the CERTS class. The next regular test session will be at 10:00am on October 27, 2018 at the Great Northwest Library. There will also be a VE session limited to the Air National Guardsmen taking the class on November 3-4, 2018. The session will be at JBSA Lackland. VE's will be needed. Pat Knight, AD5BR will need to know ahead of time who can VE especially those without military ID cards. You can become an VE by taking the ARRL's open book test.

Centennial Commemoration (Temporary) - Tom O'Brien, AB5XZ, reported the design work on banner, coins, pins, etc., is done. Procurement is next.

- We gave at least two microphones that can be used with the IC781 at SAMSAT. One that Resendo Guzman found and bought at the Belton hamfest. The other Steve Cerwin modified from a very nice old Shure 51 mic that he owned. He wired it for ICOM, added a push-to-talk button, and rewired the slide-to-talk switch. He also added a weighted base to it. Look nice. This is important because we will use SAMSAT's site and IC&*! For our quarterly Centennial on air events.
- Steve Cerwin, in an extended discussion, mentioned that he had been SARC President for the 75th anniversary, and had printed up QSL card with the San Antonio Missions. He also said he would check through his stuff and see what historic stuff he could find for us to add to what Eric has collected. Steve was editor of the Bexar Wire for several years around that time. So, at a minimum we need to interview him for the Bexar Wire.
- I have two names for the local banner makers who come with good recommendations, and I plan to contact them for bids. We will use W5SC/100 as our on-air centennial events call sign.
- We discussed having another work day (half-day) at SAMSAT on Saturday, and I think we can get the coax run and connected.

CW Training (Temporary) – Joe Bruno, no report.

Old Business - None

New Business – Jeff Boyes made a motion that we have a Fox Hunt at Radio Fiesta. This was 2nd by Tom. There was some discussion led by Rosendo Guzman, N5YBG and the membership. It was decided that since JC Smith wasn't present at the meeting that this be tabled until our next meeting.

Announcements for the Good of Amateur Radio

Richard Elder, WB5ACN, announced that he had some QST and CQ magazines to give away.

Harold Fleischer, AE5AS, announced that Hobby Town is going to stock electronic parts that Radio Shack used to stock. Newsletter – pictures of racks.

Peter Shavney, WA3OVH, has issued a general invitation to all members of SARC to attend his birthday party at noon on October 14, 2018 at the Texas Transportation Museum. invited the club to attend his 90th Birthday on Oct 14, 2018 at the Texas Transportation Museum.

The meeting was adjourned at 8:35 p. m.

Eric Harris, KG5SZV

Secretary

Military Auxiliary Radio System

(Continued from Page 1)



View of the left side of the room before the General Membership meeting on October 11, 2018



View of the right side of the room before the General Membership meeting on October 11, 2018

Officer and Committee reports were generally routine and are shown in the minutes starting on Page 3. There were a few highlights:

- Paul Guidio, N5IUT Chairperson, Nominating Committee, announced the candidates so far for Officers and Director starting January 1, 2019. (See article below for more detail.)
- Mike Harrison, KB5KST, Chairperson, JOTA Committee, reported on the status of JOTA preparations and reviewed the names of volunteers to help with JOTA and invited more to step forward.
- Tom O'Brien, AB5ZX, Chairperson, Centennial Commemoration Committee, on the work done with the San Antonio Museum Science and Technology (SAM-SAT). One of SARC's R5 Antennas is on the roof. It needs to have RF cable run to the radio. He also showed an excellent rehabilitated desk microphone that Steve Cerwin, WA5FRF, donated to SARC that can be used with SAMSAT's ICOM 781 HF Transceiver. He expects to get the RF cable installed soon at SAMSAT.

ARRL Handbook 2019 (Boxed Set)

Limited Edition! Six-Volume Ultimate Boxed Set

For the first time, *The ARRL Handbook* has been divided into multiple volumes. All six volumes are included in a handsome, hard slipcase, for easy storage and access. Each volume is more manageable to read and browse.

You Get All 6 Volumes...

- Volume 1:** Introduction & Fundamental Theory
- Volume 2:** Practical Design & Principles PART 1
- Volume 3:** Practical Design & Principles PART 2
- Volume 4:** Antenna Systems & Radio Propagation
- Volume 5:** Equipment Construction & Station Accessories
- Volume 6:** Test Equipment, Troubleshooting, RFI & Index

Nominations and Elections

The mission of the Nominating Committee is to come up with a slate of four (4) offices for one (1) year terms and one (1) Director for a five (5) year term. The officer positions are President, Vice President, Secretary, and Treasurer.

This year's Nominating Committee includes Paul Guido, N5IUT, Chairperson, Jeff Boyes, ND8B, Member, and Eric Harris, KG5SZV, Member.

On behalf of the Nominating Committee, Paul Guido, N5IUT, made a report on their work so far in identifying candidates for 2019. He reported that:

Nominee for President – Rosendo Guzman, N5YGB
 Nominee for Vice President – Mike Harrison, KB5KST
 Nominee for Secretary – still searching



Paul Guido, N5IUT, making the Nominating Committee report as Chairperson at the General Membership Meeting.

Nominee for Treasurer – Jeff Boyes, ND8B
 Nominee for Director 2019-2023 – Paul Guido, N5IUT

The Nominating Committee will continue working on identifying nominees for the office of Vice President and office of Secretary by the next General Membership Meeting on November 8, 2018, which is when the election will be.

JOTA A Washout



Jamboree On The Air (JOTA) is a Boy Scouts of America (BSA) initiative in its 61st year and was held on October 20, 2018. Mike Harrison, KB5KST, will, for the second year in the row, be the Chairperson for SARC's JOTA program. He already has several volunteers to help him and at least two had completed BSA youth training. SARC was ready.

The weather was not ready. It rained for multiple days in a row and by Thursday, October 18, 2018, the venue for the third year in a row at the Texas Transportation Museum (TTM), was water logged. TTM has experience with bad weather and its impact on weekend and special event operations. In fact, TTM's Halloween Spooktacular was scheduled for Saturday night after JOTA. With great reluctance, TTM cancelled all weekend operations for October 19-21, 2018, on Thursday evening. With the weather forecast, there was no way for the premises to dry out to support vehicle and foot traffic. Indeed, it rained more on Friday, October 19, 2018 such that it was even worse by Saturday, October 20, 2018.

Mike KB5KST appreciates all the support by members for the 61st JOTA and is just as disappointed as them that the weather made it impossible to proceed.

The next JOTA will be October 19, 2019.



MARS PRESENTATION SLIDES




MARS & AMATEUR RADIO SUPPORTING THE MISSION




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What is MARS?

- ▶ The Military Auxiliary Radio System (MARS) is a group of volunteers who support a Global High Frequency Enterprise Network (GHFEN).
- ▶ The GHFEN provides contingency radio communications to the Department of Defense in a variety of circumstances including:
 - Complex catastrophes,
 - Cyber denied or impaired conditions.
- ▶ MARS is the program that trains, organizes and tasks volunteer Amateur Radio operators to support the GHFEN.
- ▶ Information on MARS is available at www.usarmymars.org

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MISSION

PRIMARY - Provide contingency HF radio communications to DOD and Military Services (military training & classified mission)

- Provide international humanitarian assistance and disaster relief to US Combatant Commands
- Provide contingency communications for Defense Support to Civil Authorities (DSCA)
- Provide morale and welfare communications support to deployed DOD personnel

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Activation

- ▶ Who is Served:
 - Requesting Agencies through the Department of Defense (Title 10)
- ▶ When are MARS stations activated (Triggered)?
 - A nation-wide emergency or crisis condition exists throughout the United States (multi-region may qualify based on higher command action) AND
 - Telecommunications services throughout the United States are impaired to the point that communications within the military and federal agencies is limited, or the effectiveness of the telecommunication services that provide the information channel between the government and it's citizens is no longer visible. OR
 - when the conditions described above appear imminent.
- ▶ Information needed by our Federal customers:
 - County status report.
 - Weather observations from ATIS/ASOS airport radio only sources.
 - Status of locations of interest/critical infrastructure.
 - Other traffic handling and information as requested.

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Bad Day – Electrical Grid



Mother Nature Event – Hurricane, fire, etc.



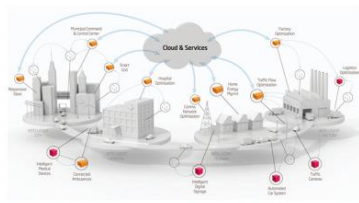
Human Caused damage to our Electrical Grid Structure.

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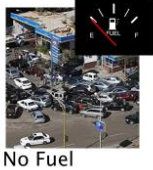
Bad Day – Wide Spread Internet Outage

Loss of Internet could cause infrastructure problems that can cripple our county, state, or nation in a very short time.



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Resulting Problems?



No Fuel



Waste Water

Dwindling food supplies within 48 to 72 hours.



Solid Waste



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WHAT ABOUT FINANCES?



Could be out of service in a matter of hours.

Debit Cards and Credit Cards will not work.



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IMPLEMENTATION

(Federal Customer Perspective)



- ▶ There are several hundred thousand amateur radio operators in US.
- ▶ Amateur radio operators can talk to each other via VHF and HF radio, like a giant party line.
- ▶ MARS stations will distribute requests for information.
- ▶ Amateur radio operators will be asked to gather this information.
- ▶ Information will be correlated by MARS operations.
- ▶ Correlated information will be sent to a central point for assembly and distribution to our federal customer.
- ▶ The information will be specially formatted for rapid analysis by the federal customers.

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REALITY



- ▶ MARS and the amateur radio communities must coordinate using radio only nets to "drill-down" to the locations of interest and gather information.
- ▶ MARS is effectively radio only so all communications with MARS would be via MARS members checking into amateur radio HF and VHF nets or individual QSO contacts.

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5 MHz (60 Meter) Interop Channels



US Government stations and Radio Amateur Civil Emergency Service: stations may exchange emergency communications. (97.111)

DHS, FEMA, USCG, MARS, other select Fed entities: have primary frequency authorizations; Amateur radio service has secondary authorization on these channels (non-interference basis)

Dial Frequency, KHz, USB:

- 5330.5 (chan 1)
- 5346.5 (chan 2)
- 5357.0 (chan 3)
- 5371.5 (chan 4)
- 5403.5 (chan 5)

Use of 5 MHz frequencies by MARS stations requires HQs coordination with DHS prior to use

Government stations use their government issued call sign when approved; amateur radio operators use their FCC Amateur radio call sign

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Request for Information From MARS to ARES



Requests for county status reports.



Requests for radio only weather reports from local airports.

Requests for status of locations of interest.

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WHAT IS A COUNTY INFORMATION REQUEST



- ▶ County Information Requests assists the MARS Federal customer to see the **"BIG PICTURE"** as to how an event has affected the entire county.
- ▶ The county information strip is a SIMPLE REQUEST, for information from the amateur radio community that will show how wide spread the event is and how the event has affected our communities.

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INFORMATION REQUESTED FOR COUNTY STATUS



The following information will be requested from the amateur radio community for a county status request:

- Is power, electrical service available?
- Is there a potable water supply available?
- Are sanitation/waste water systems working?
- Do you know the condition of medical services, hospital, EMS?
- What communication services are working, cell, landline?
- Are transportation services working, buses, trains, cars freely driving down the road?

It is OK to not know all the answers, any information is appreciated and useful.

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WHAT IS A WEATHER OBSERVATION REPORT



Weather observation reports are the official weather reports obtained by VHF AM broadcast of ATIS/ASOS weather station located at an airport near you location. These frequencies can be heard on most 2m VHF radios, frequencies are available from a number of locations including:

- <http://www.airnav.com/airports/>
- VFR Section Maps.
- Airport Facility Directory.
- THE AOPA Airport Directory.

You may want to prepare before weather observations are requested by obtaining the frequencies for your local airports.
KAUS ATIS 124.40MHZ, AM



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INFORMATION REQUESTED FROM A WEATHER OBSERVATION REPORT



A Weather Observation Report contains the following information from the ATIS/ASOS at your local airport:

1. Airport ID,
2. Time of observation,
3. Wind direction and speed,
4. Visibility,
5. Cloud condition,
6. Temperature,
7. Altimeter reading.

It is OK to not know all the answers, any information is appreciated and useful.

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WHAT IS A REQUEST FOR STATUS OF LOCATIONS OF INTEREST



A request for status of a location of interest typically contains the following information:

1. The request is an interview style conversation between the MARS station and the amateur radio operator.
2. The amateur radio operator's responses will be formatted by the MARS station as required.
3. Care should be taken not to alarm the community with this type of request for information.



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MARS/AMATEUR RADIO ASSISTANCE Quick Reference guide



County Status Report contains the following information:

1. Is electrical service available?
2. Is there a potable water supply?
3. Are sanitation/waste water systems working?
4. Do you know the condition of medical services, hospital, EMS?
5. What communication services are working, cell, landline?
6. Are transportation services working, buses, trains, cars freely driving down the road?

Weather Observation Report contains the following information from the ATIS/ASOS at your local airport:

1. Airport ID,
2. Time of observation,
3. Wind direction and speed,
4. Visibility,
5. Cloud condition,
6. Temperature,
7. Altimeter reading.

Request for status of a location of interest typically contains the following information:

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It is OK to not know all the answers, any information is appreciated and useful.

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Bob Rodriguez, K5AUW, with help from David Finell, N7LRY, talk a Technician License Class to a group from the Community Emergency Response Team (CERT) at Helotes, Texas, on Saturday, October 6, 2018, and Saturday, October 13, 2018. The class was held at the Helotes City Hall. There were a total of nineteen people that took the Technician License Exam.



Pat Knight, AD5BR, Chairperson, Volunteer Examination Committee, and nine members of that committee conducted the technician license examination at the conclusion of the class on Saturday, October 13, 2018. Twelve of the candidates were successful in passing the Technician License examination with one going on to pass the General License examination. The others were close enough to passing that they were urged to study for the next examination schedule open to the public on October 27, 2018.

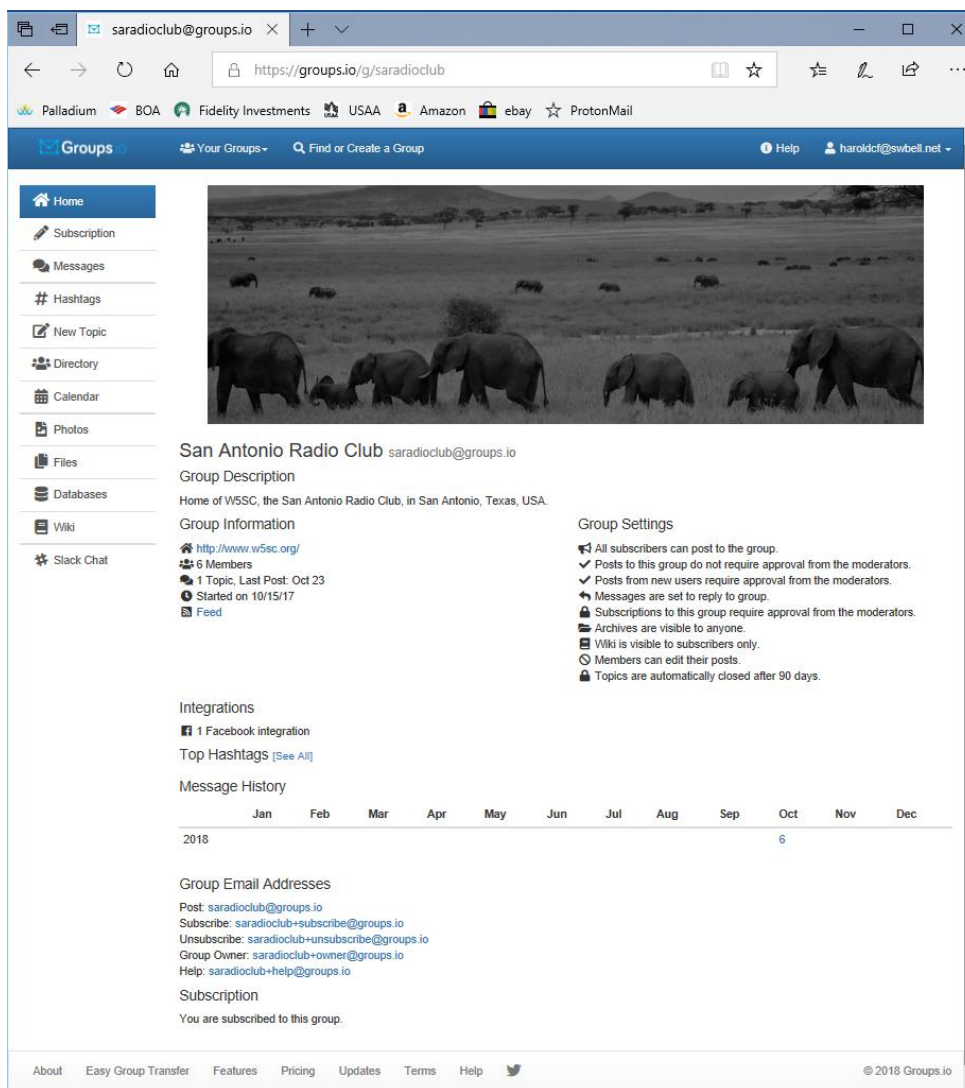


Bob Rodriguez, K5AUW, announced at the end of this training session that it was his last one as the principal teacher of a class. Bob, K5AUW, has done Technician, General, and Amateur Extra classes for many years and been SARC's Chairperson, Education and Training Committee for many years. David Finell, N7LRY, is the new Chairperson, Education and Training Committee for SARC and is looking forward to carrying on Bob's fine example over such a long period of time.

Yahoo Groups has not been a supported product for some years. Yahoo left it in place for users to use if they wanted to use it without support. For a while, that was not a problem. However, more things are failing to work like the sending of event reminder messages.

As a consequence, a review for alternatives was initiated. Confessed computer geeks Paul Guido, N5IUT, and Jeff Boyes, ND8B, (both have day jobs in the computer geekdom world), recommended Groups.io. In fact, Jeff ND8B had staked a claim to the group name *saradioclub* last year in case SARC decided to use it. We lose nothing by going to Groups.io. We are porting our history on Yahoo Groups to Groups.io. Generally, Groups.io has all of the same features as Yahoo Groups. The difference is that Groups.io is supported product, and it works.

At this time, you should not have to do much of anything to be a part of the move. On a going forward basis, messages to the group will be sent to saradioclub@groups.io.



Screen shot of the home page of saradioclub on Groups.io



First Spark Market at SAMSAT

The first ever Spark Market by the San Antonio Museum of Science and Technology (SAMSAT) was held on Saturday, November 3, 2018. SAMSAT plans to hold a Spark Market on the 1st and 3rd Saturdays of each month (see “flyer” later in this newsletter). As detailed in the SAMSAT in the October 2018 Bexar Wire newsletter, SAMSAT is new to the scene in San Antonio, but they are working to become a premiere center for Science and Technology in San Antonio with programs that include children and youth.

SAMSAT wants the Spark Market to be technology oriented. To that extent, Hams are welcome and table space can be arranged through SAMSAT.



Farmer's Market and Spark Market at Port San Antonio on Nov 3, 2018



Spark Market at Port San Antonio on Nov 3, 2018



1st and 3rd Saturdays of the Month
9:00 a. m. to 1:00 p. m.

SAMSAT is located at Port San Antonio

SparkMarket location is:

102 Mabry Drive

San Antonio, TX 78226-2036

SparkMarket, a new tech swap meet located at the San Antonio Museum of Science and Technology (SAMSAT), is now open at Port San Antonio! Join us for open-air shopping as we feature items such as:

- games
- gadgets
- ham radio/ shortwave radio
- miniature Tesla coils
- robots
- drones
- t-shirts
- Rasberry Pi components
- ...and much more!

There is also a
Farmer's Market
at the same location and
same time.

Groups.io

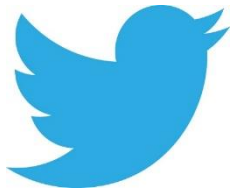


SARC has had a Groups.io. Its name is saradioclub.

The saradioclub Group.io is being used to publicize SARC business meetings. It can be used for other things like promotion of VEC testing and classes. Members of the saradioclub Group.io can and have asked each other technical questions or sought assistance.

The saradioclub Group.io is a closed group. To become a member, go to saradioclub.groups.io. (You may need to have a Groups.io account.) You will then need to select *Apply for membership in this group*. This generates a message. SARC members can expect approval to join the saradioclub Group.io in probably less than 24 hours.

SARC Tweets



Reminder: there are two active Twitter accounts for the San Antonio Radio Club. They are @SARadioClub and @ARadioFiesta.

The @SARadioClub is being used to publicize SARC meetings. It can be used for other things like promotion of VEC testing and classes.

As Radio Fiesta 2017 work has commenced, the @ARadioFiesta is being used again for the January 14, 2017 Radio Fiesta.

SARC members are encouraged to follow both Twitter accounts.

SARC Facebook



There is a San Antonio Radio Club – SARC (@saradioclub) Facebook Page.

The newsletter editor is making posts about SARC meetings and other activities. Any Officer, Committee Chairperson, or member who believes that they have information that should be posted to this page should contact the newsletter editor using the contact information for the newsletter editor on page 2 of this newsletter.

SARC members are encouraged to follow this Facebook Page.

SARC SLACK



There is a San Antonio Radio Club Slack team – w5sc.slack.com.

Slack teams are meant to foster communication between team members. Paul Guido, N5IUT, has established the w5sc.slack.com team for SARC. He has also established some channels. Think of the channels as topical areas.

To join send an email to Paul Guido, N5IUT, at radioteacher@gmail.com. In actuality, any team member already a part of the w5sc.slack.com can invite you, but Paul is known to be on it.

SARC has a website:

w5sc.org

Webmaster: Bill Craft KD2HIQ
Billc851@gmail.com
210-233-8863

Amateur Radio License Classes

General Course is currently being planned. More information will be included when available.

As class plans firm up, they will be summarized here.

SARC Meeting Dates for next 12 Months

November 8, 2018
December (None)
January 10, 2019
February 14, 2019
March 14, 2019
April 11, 2019
May 9, 2019
June 13, 2019
July 11, 2019
August 8, 2019
September 12, 2019
October 10, 2019

Meetings are held at Grady's Barbeque, 327 E. Nakoma Dr., San Antonio, TX 78216 at 7:00 p. m.

Come early and eat with other members coming early.

License Testing Dates for 2018

December 22, 2018
January 12, 2019
February 23, 2019
April 27, 2019
June 22, 2019
August 24, 2019

Times and locations along with required document information can be found on SARC's website.

SARC does all its licensing testing as a part of ARRL Volunteer Examiner Coordinator (VEC) organization so all the Volunteer Examiners in SARC are duly authorized Volunteer Examiners of ARRL's VEC.

JOTA

Boy Scout Jamboree On The Air

This year's date is Oct 19, 2019. The plan is to again hold it at the Texas Transportation Museum.

Field Day 2019

Setup: Friday, June 21, 2019
Operations: Saturday, June 22, 2019
& Sunday, June 23, 2019

Where SARC proves they are an eating group with a radio problem.

More information to follow, but hold these dates.

Radio Fiesta 2019

January 12, 2019
Schertz Civic Center
See newsletter article for more information

Emergency Communications

If you are interested in emergency communications, contact:
JC Smith N5RXS